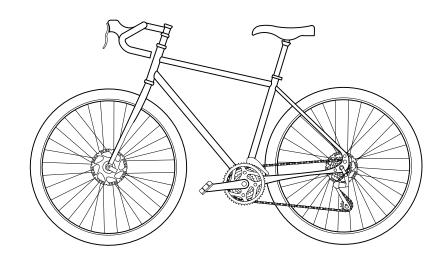
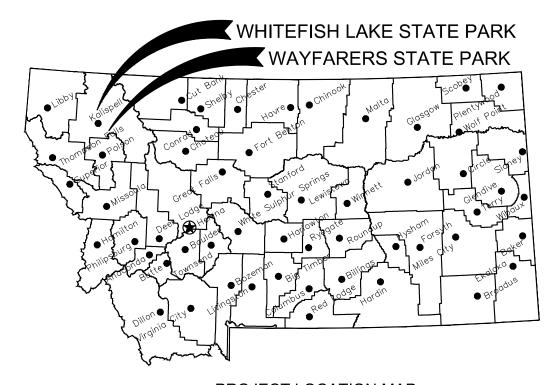
# RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS

NEAR WHITEFISH AND BIGFORK, MONTANA FWP #7166601

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# PROJECT LOCATION MAP

## PREPARED FOR:

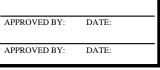
MONTANA FISH WILDLIFE AND PARKS **DESIGN AND CONSTRUCTION** 

P.O. BOX 200701 HELENA, MONTANA 59620-0701 (406) 841-4000 (406) 841-4004 FAX

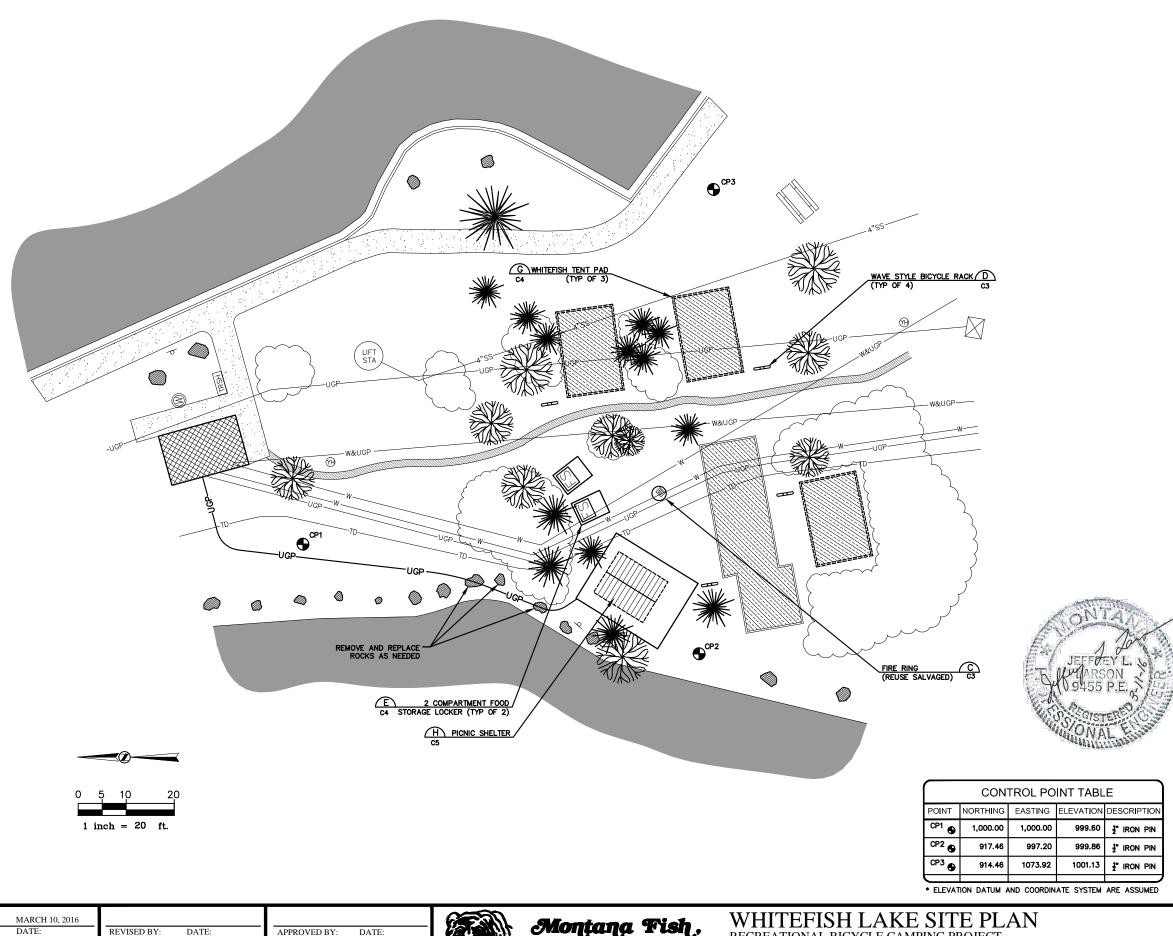


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CONCRETE ASPHALT **(W)** WELL SIGN DECIDUOUS TREE CONIFER TREE LIFT STA SEWAGE LIFT STATION TRAIL LANDSCAPING ROCK PICNIC TABLE  $\Theta$ YARD HYDRANT FIRE RING ELECTRICAL SERVICE OR TRANSFORMER  $\boxtimes$ BRUSH TRSH TRASH RECEPTACLE FSL FOOD STORAGE LOCKER BIKE RACK CURB AND GUTTER UNDERGROUND POWER WATER AND UNDERGROUND POWER WATER MAIN TRENCH DRAIN PROPOSED FEATURES CONCRETE -----UGP-UNDERGROUND POWER 2 COMPARTMENT FOOD STORAGE LOCKER CAMPFIRE RING 8 BIKE RACK TRASH RECEPTACLE TENT PAD PICNIC SHELTER NEW TRAIL 28 ANTLER AVENUE

LEGEND

**EXISTING FEATURES** 

BUILDING

GRAVEL SURFACING



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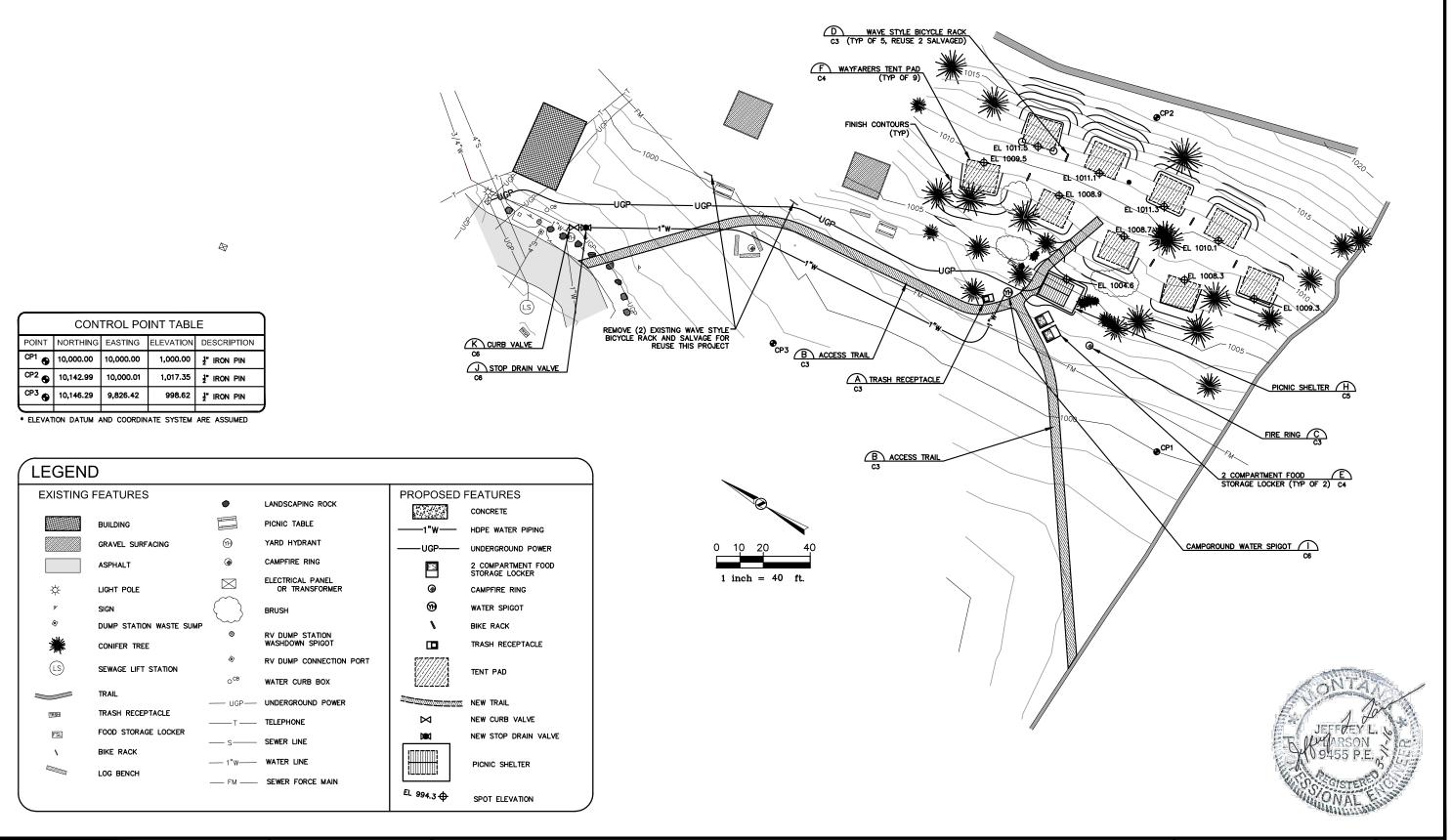
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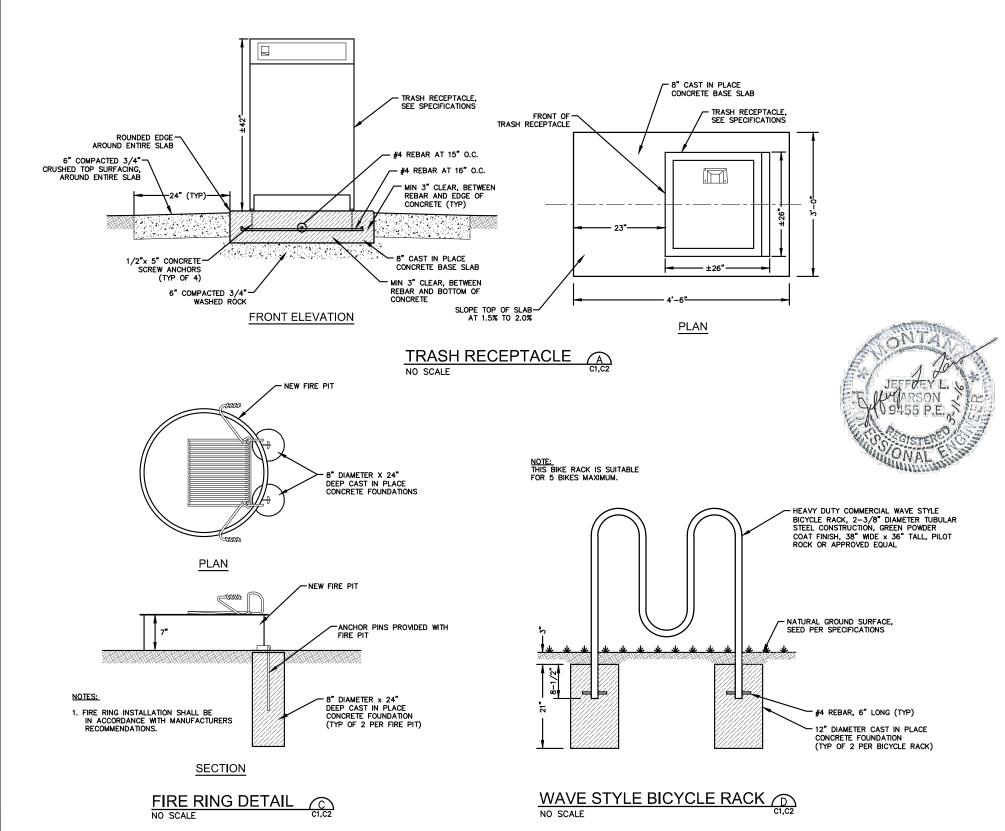
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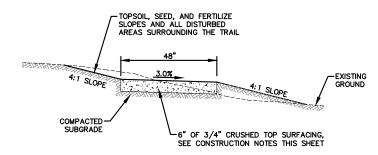


**WAYFARERS SITE PLAN** RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS FWP #7166601



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#### **CONSTRUCTION NOTES:**

- 1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH "MONTANA PUBLIC WORKS SPECIFICATIONS", SIXTH EDITION (MPW).
- BEFORE DIGGING, CALL 811 FOR LOCATION OF EXISTING UTILITIES. THE LOCATION OF UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND WERE DERIVED PRIMARILY FROM AS-BUILT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF PRIVATE UTILITIES WITHIN THE PROJECT AREA, NOT LOCATED BY UTILITY COMPANIES.
- ALL DISTURBED AREAS AND AREAS DESIGNATED IN THE PLANS FOR SEEDING SHALL BE TOPSOILED, SEEDED, MULCHED, AND FERTILIZED (SEE MPW SEEDING SPECIFICATIONS), SALVAGED TOPSOIL SHALL BE SPREAD EVENLY OVER DISTURBED AREAS. SEED MIX SHALL BE NATIVE DRYLAND MIX AS FOLLOWS:

PLANT SPECIES	LBS/ACRE
WESTERN WHEATGRASS	4 LBS
BLUEBUNCH WHEATGRASS	10 LBS
MOUNTAIN BROME	11 LBS
ROUGH FESCUE	3 LBS
TOTALS	28 LBS

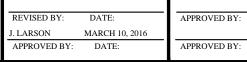
- 4. ALL EXCAVATION AND EMBANKMENT ON THIS PROJECT, SHALL MEET THE REQUIREMENTS OF MPW SPECIFICATION 02/230 STREET EXCAVATION, BACKFILL AND COMPACTION.
- CONCRETE SHALL BE M-4000 AS DEFINED BY MPW SPECIFICATION 03/310 STRUCTURAL CONCRETE. REINFORCING STEEL SHALL BE ASTM 615, GRADE 60.
- CONCRETE SLABS AND SUPPORT PADS SHALL BE CROSS SLOPED AT A MAXIMUM
- 7. ALL TESTING OF CONCRETE REQUIRED BY MPW SHALL BE PROVIDED BY AND INDEPENDENT TESTING FIRM AT THE EXPENSE OF THE CONTRACTOR. A MINIMUM OF ONE SET OF CONCRETE TESTS SHALL BE PROVIDED FOR EACH STATE PARK.
- WATER PIPING SHALL BE 1" DR 9 HDPE PIPE INSTALLED WITH A MINIMUM OF 6-FOOT COVER, AND BEDDED PER MPW SPECIFICATIONS.
- CRUSHED TOP SURFACING FOR GRAVEL SURFACING SHALL MEET THE FOLLOWING SPECIFICATIONS INCLUDING BINDER OR BLENDING MATERIAL:

SIEVE SIZE	% PASSING
3/4" SIEVE	100%
No. 4 SIEVE	40-80%
No. 10 SIEVE	25-60%
No 200 SIEVE	8-20%

IN ADDITION, THE PORTION PASSING THE NO. 200 SIEVE CANNOT EXCEED 2/3 OF THE PORTION PASSING THE #40 SIEVE; THE MAXIMUM LIQUID LIMIT FOR THE MATERIAL PASSING THE NO. 40 SIEVE SHALL NOT EXCEED 35, WHILE THE PLASTICITY INDEX CAN VARY BETWEEN 3 AND 10; THE WEAR FACTOR SHALL NOT EXCEED 50% AT 500 REVOLUTIONS; AND AT LEAST 20% OF THE AGGREGATE RETAINED ON NO. 4 SIEVE SHALL HAVE A FRACTURED FACE.

- 10. IMPORT MATERIAL REQUIRED TO COMPLETE EARTHWORK SHALL BE IMPORTED FROM OFF-SITE AND SHALL BE CLEAN MATERIAL SUITABLE FOR FILL MATERIAL. EXCESS EXCAVATION MATERIALS SHALL BE REMOVED FROM THE STATE PARK AND DISPOSED OF BY THE CONTRACTOR IN A LOCATION APPROVED BY THE ENGINEER.
- 11. WHERE SHALLOW FILL INTERSECTS EXISTING TREES, CARE WILL BE TAKEN NOT TO DAMAGE THE TREE, USE HAND WORK AS NEEDED TO PROTECT THE TREE FROM DAMAGE.

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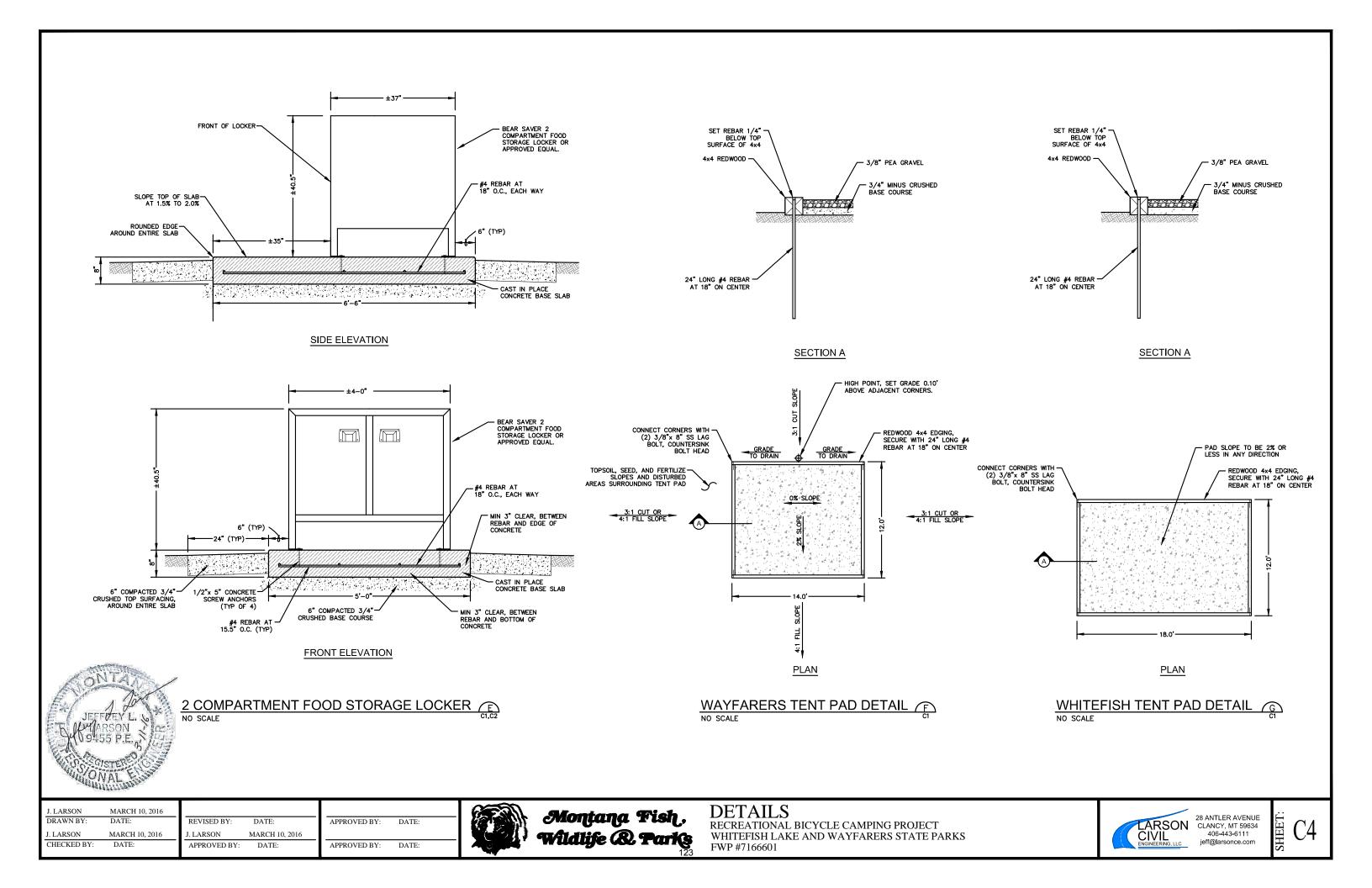


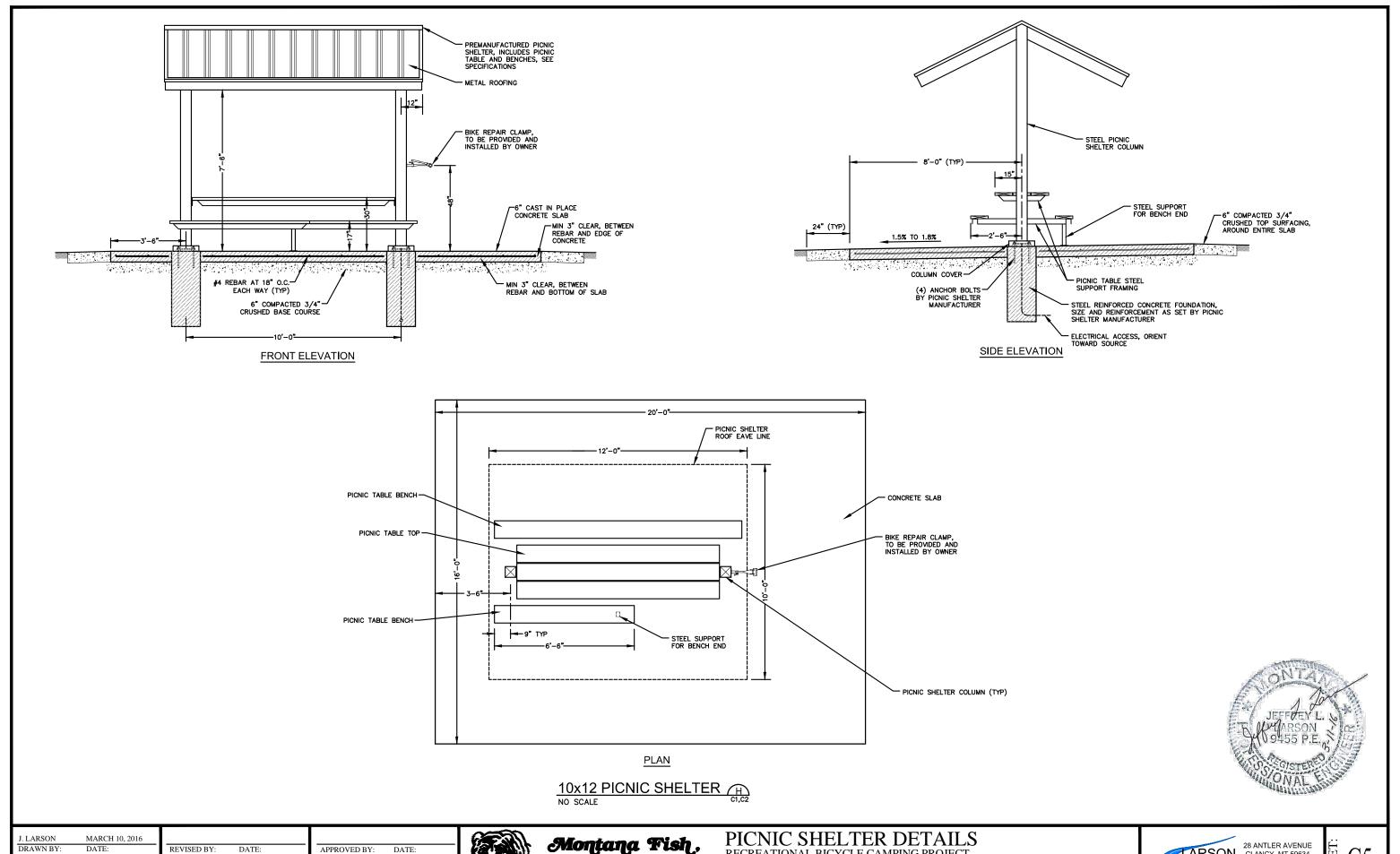


Montana Fish, Wildlife & Parks NOTES AND DETAILS RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS FWP #7166601



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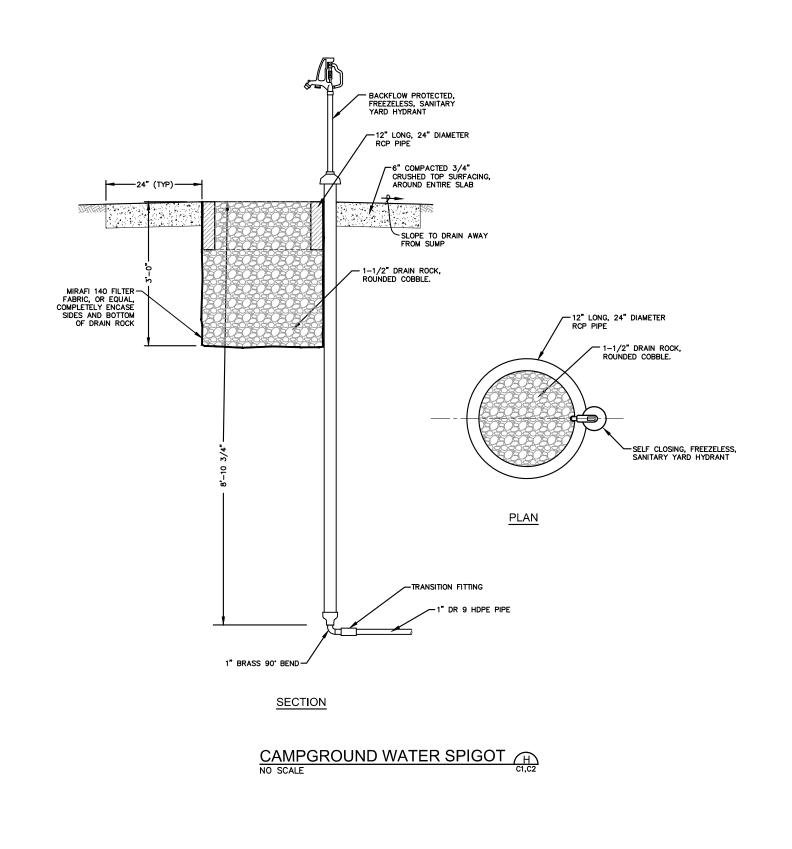
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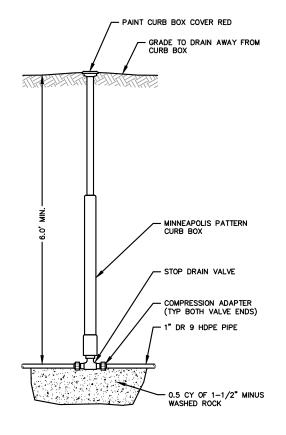
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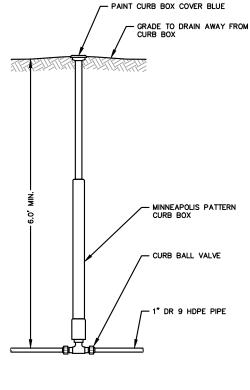
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RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS FWP #7166601









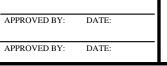
STOP DRAIN VALVE DETAIL OF COLOR NO SCALE

CURB VALVE DETAIL K NO SCALE C2



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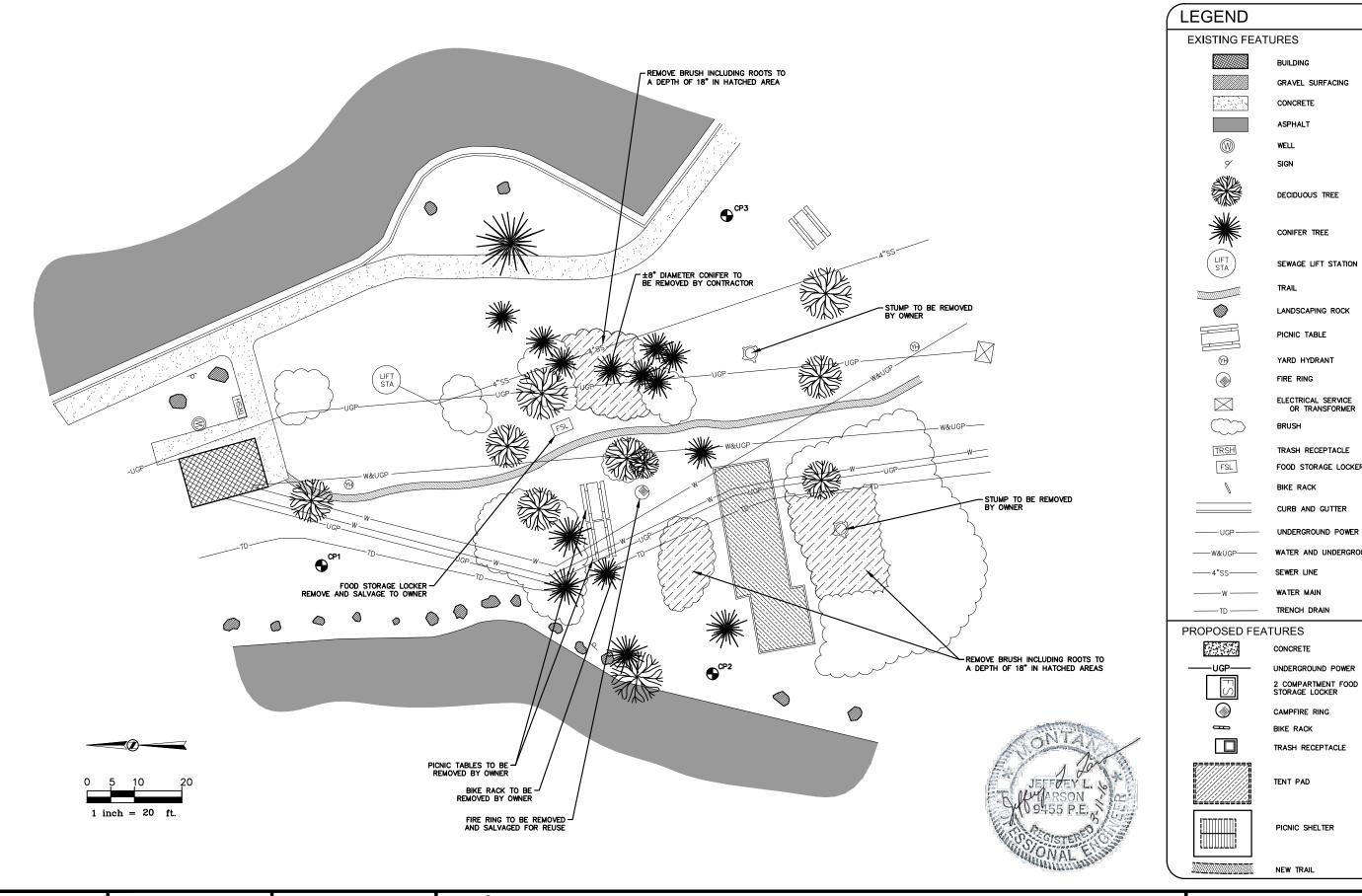
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WATER DETAILS RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS FWP #7166601







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Montana Fish, Wildlife & Parks

WHITEFISH LAKE DEMOLITION PLAN RECREATIONAL BICYCLE CAMPING PROJECT WHITEFISH LAKE AND WAYFARERS STATE PARKS FWP #7166601



BUILDING

CONCRETE ASPHALT WELL SIGN

GRAVEL SURFACING

DECIDUOUS TREE

CONIFER TREE

TRAIL

SEWAGE LIFT STATION

LANDSCAPING ROCK

PICNIC TABLE

YARD HYDRANT

ELECTRICAL SERVICE OR TRANSFORMER

TRASH RECEPTACLE

CURB AND GUTTER UNDERGROUND POWER

BIKE RACK

WATER MAIN TRENCH DRAIN

FOOD STORAGE LOCKER

WATER AND UNDERGROUND POWER

FIRE RING

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PICNIC SHELTER

NEW TRAIL